

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1229	380/201.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/03 15:07
L2	116	380/261.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/03 15:07
L3	1058	713/171.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/03 15:07
L4	2085	704/270.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/03 15:07
L5	355	704/208.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/03 15:07
L6	665	370/312.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/03 15:07
L7	5486	L1 L2 L3 L4 L5 L6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/03 15:07
L8	3490	L7	USPAT	OR	ON	2008/11/03 15:07

L9	3	L7 and (state adj vector).clm.	USPAT	OR	ON	2008/11/03 15:12
L10	1	L7 and (vocoder adj frame).clm.	USPAT	OR	ON	2008/11/03 15:14
L11	2423	qualcomm.as.	USPAT	OR	ON	2008/11/03 15:16
L13	1	qualcomm.as. and (state adj vector).clm.	USPAT	OR	ON	2008/11/03 15:17
L14	4	qualcomm.as. and (vocoder adj frame).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/03 15:17
L15	1	mauro.in. and (vocoder adj frame).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/03 15:18
L16	3	mauro.in. and (state adj vector).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/03 15:19
L17	796	(state adj vector).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/03 15:33
L18	4	(state adj vector).clm. and (vocoder).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/03 15:33
S1	229	380/201.ccls.	USPAT	OR	OFF	2004/06/18 18:28
S2	0	380/201.ccls. and vocoder	USPAT	OR	OFF	2004/07/02 16:01
S3	23	380/201.ccls. and voice	USPAT	OR	OFF	2004/06/18 18:32
S4	81271	voice activity.ti.	USPAT	OR	OFF	2004/06/18 18:33
S5	42	"voice activity".ti.	USPAT	OR	OFF	2004/06/18 18:33

S6	10	"voice activity".ti. and frame.ab.	USPAT	OR	ON	2004/07/06 16:12
S7	207	vocoder near2 frame	USPAT	OR	ON	2004/06/18 18:41
S8	480	vocoder near2 frame "transition frame"	USPAT	OR	ON	2004/06/18 18:41
S9	5	vocoder near2 frame and "transition frame"	USPAT	OR	ON	2004/06/18 18:47
S10	207	vocoder near2 frame	USPAT	OR	ON	2004/06/18 18:49
S11	13	vocoder near2 frame and (DTX)	USPAT	OR	ON	2004/06/18 18:49
S12	56	vocoder and transition near2 frame	USPAT	OR	ON	2004/07/02 16:04
S13	23	vocoder and "transition frame"	USPAT	OR	ON	2004/07/02 16:33
S14	163	((speech or voice) near2 activity same detect\$5 and (frame near2 (generat\$3 creat\$3 make))	USPAT	OR	ON	2004/07/02 17:26
S15	52	((speech or voice) near2 activity same detect\$5 and (frame near2 (generat\$3 creat\$3 make))) and vocoder	USPAT	OR	ON	2004/07/02 16:36
S16	29	frame and vocoder and noise and ((voice speech) near2 activity) and ("DTX" or "discontinuous transmission")	USPAT	OR	ON	2004/07/02 17:28
S17	11	frame and vocoder and noise and ((voice speech) near2 activity) and ("DTX" or "discontinuous transmission") and "transition"	USPAT	OR	ON	2004/07/02 17:37
S18	0	frame and vocoder and noise and ((voice speech) near2 activity) and ("DTX" or "discontinuous transmission") and "transition frame"	USPAT	OR	ON	2004/07/02 17:37

S19	0	(speech voice) and codebook near (decrypt or encrypt)	USPAT	OR	ON	2004/07/02 17:37
S20	261	encrypt\$3 and decrypt \$ and (voice speech). ab.	USPAT	OR	ON	2004/07/06 16:13
S21	18	encrypt\$3 and decrypt \$ and (voice speech). ab. and codebook	USPAT	OR	ON	2004/07/07 14:09
S22	866	704/270.ccls.	USPAT	OR	ON	2004/07/07 14:10
S23	212	713/171.ccls.	USPAT	OR	ON	2004/07/07 14:10
S24	198	704/208.ccls.	USPAT	OR	ON	2004/07/07 14:10
S25	8733	"704"/\$.ccls.	USPAT	OR	ON	2007/11/21 18:26
S26	182	"704"/\$.ccls. and "VAD"	USPAT	OR	ON	2004/07/07 14:10
S27	265	yadav.in.	US-PGPUB; USPAT	OR	OFF	2005/05/06 16:27
S28	265	yadav.in.	US-PGPUB; USPAT	OR	OFF	2005/05/06 18:39
S29	266	(voice speech noise) with (activity).ab.	USPAT	OR	ON	2005/05/15 22:20
S30	0	(voice speech noise) with (activity).ab. and (state adj vector)	USPAT	OR	ON	2005/05/15 22:20
S31	24	(voice speech noise) with (activity) and (state adj vector)	USPAT	OR	ON	2005/05/15 22:21
S32	23	(voice speech noise) with (activity) and (state adj vector) and frame\$2	USPAT	OR	ON	2005/05/15 22:22
S33	0	(voice speech noise) with (activity) and (state adj vector) and frame\$2 and ((increment\$3) with (state adj vector))	USPAT	OR	ON	2005/05/15 22:21
S34	0	(voice speech noise) with (activity) and ((increment\$3) with (state adj vector))	USPAT	OR	ON	2005/05/15 22:21

S35	23	(voice speech noise) with (activity) and (state adj vector) and (packet\$2 frame\$2)	USPAT	OR	ON	2005/05/15 22:28
S36	23	(voice speech noise) with (activity) and ("state vector") and (packet\$2 frame\$2)	USPAT	OR	ON	2005/05/15 22:28
S37	0	"6272633".pn. and "state vector"	USPAT	OR	OFF	2005/05/15 22:52
S38	0	"6272633".pn. and "vector"	USPAT	OR	OFF	2005/05/15 22:52
S39	1	"6272633".pn. and "encrypt"	USPAT	OR	OFF	2005/05/15 22:53
S40	0	"6272633".pn. and "state"	USPAT	OR	OFF	2005/05/15 22:53
S41	1	"6272633".pn. and "buffer"	USPAT	OR	OFF	2005/05/15 22:53
S42	3497	(state adj vector\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 15:07
S43	2	(state adj vector\$2) with (vocoder\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 16:48
S44	26	(state adj vector\$2) with (voice speech)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 16:48
S45	0	(state adj vector\$2) with (voice speech) with (increment\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 15:12
S46	26	(state adj vector\$2) with (voice speech)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 15:12
S47	1	"6721280".pn.	USPAT	OR	OFF	2006/01/06 15:36
S48	1	"6883101".pn.	USPAT	OR	OFF	2006/01/06 16:08
S49	1	"4817146".pn.	USPAT	OR	OFF	2006/01/06 16:47

S50	0	"4817146".pn. and state with vector	USPAT	OR	OFF	2006/01/06 16:48
S51	1	"4817146".pn. and vector\$2	USPAT	OR	OFF	2006/01/06 16:48
S52	145	(vector\$2) with (vocoder\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 16:48
S53	12	(vector\$2) with (vocoder\$2) near2 frame\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/06 16:49
S54	974	vocoder with frame\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 15:25
S55	571	vocoder near3 frame \$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 15:25
S56	8	vocoder near3 frame \$2 and (transition adj frame)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 15:34
S57	2	"5414796".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 15:35
S58	2	"5414796".pn. and (background adj noise)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 15:35
S59	1	"6691092".pn.	USPAT	OR	OFF	2006/09/22 18:00
S60	1288	704/270.ccls.	USPAT	OR	ON	2007/11/14 15:13
S61	502	713/171.ccls.	USPAT	OR	ON	2007/11/14 15:13
S62	253	704/208.ccls.	USPAT	OR	ON	2007/11/14 15:14

S63	1858	704/270.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/14 15:13
S64	856	713/171.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/14 15:13
S65	342	704/208.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/14 15:14
S66	3053	S63 S64 S65	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/14 15:14
S67	154	S66 and (vocoder)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/14 15:14
S68	0	S66 and (vocoder) and (state adj vector \$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/14 15:14
S69	0	S66 and (vocoder voder) and (state adj vector\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/14 15:14
S70	49	(vocoder voder) and (state adj vector\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/14 15:15

S71	18	(vocoder voder) and (state adj vector\$2) and (encrypt\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/15 15:43
S72	7	"5414796".pn. "5911128".pn. "6122384".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/15 15:44
S73	3	"5414796".pn. "5911128".pn. "6122384".pn.	USPAT	OR	ON	2007/11/15 15:44
S74	0	(silent\$2) adj ((id) (identification\$2)) adj frame	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/19 14:10
S75	7	(silent\$2) adj ((id) (identification\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/19 14:11
S76	32516	(background\$2 comfort\$2) adj (noise \$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/19 14:12
S77	4487	(state adj vector\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/21 13:49
S78	49	(state adj vector\$2) and vocoder	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/21 13:49
S79	18	(state adj vector\$2) and vocoder and encrypt\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/21 13:50



S80	32	(state adj vector\$2) with encrypt\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/21 13:50
S81	13	(state adj vector\$2) with encrypt\$6 and ((vocoder\$2) (voice adj coder\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/21 13:50
S82	110	380/261.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/21 18:26
S83	488	370/312.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/21 18:26
S84	1180	380/201.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/23 14:55
S85	114	380/261.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/23 14:55
S86	991	713/171.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/23 14:55
S87	1983	704/270.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/23 14:55

S88	352	704/208.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/23 14:55
S89	581	370/312.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/23 14:55
S90	5181	S84 S85 S86 S87 S88 S89	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/23 14:55
S91	193	S90 and (vocoder\$2 (voice adj coder))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/23 14:56
S92	17	S90 and (state adj vector\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/23 15:00
S93	322	S90 and (background comfort) adj (noise \$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/23 15:03
S94	4	S90 and (background comfort) adj (noise \$2) and (state adj vector\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/23 15:04
S95	4	S90 and encrypt\$4 and (state adj vector \$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/23 15:04

S96	4	S90 and encrypt\$4 with (state adj vector \$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/23 15:04
S97	152	S90 and (codebook\$2 (state adj vector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/23 15:07
S98	51	(vocoder voder) and (state adj vector\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/23 15:11
S99	2	(state adj vector\$2) with (voice speech) with (increment\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/23 15:14
S100	10018	qualcomm.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/23 15:20
S101	2	qualcomm.as. and (state adj vector). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/23 15:20
S102	3	mauro.in. and (state adj vector).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/23 15:23
S103	4	S90 and (state adj vector).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/23 15:24
S104	2	"7007301".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/23 16:52

S105	7	voiceage.as.	USPAT	OR	ON	2008/07/02 18:44
S106	42	voiceage.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/02 18:44
S107	0	voiceage.as. and (state adj vector\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/02 18:45
S108	1	voiceage.as. and (silence with frame)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/02 18:45
S109	26	(US-20040123141-\$ or US-20010007973-\$ or US- 20070189538-\$).did. or (US-6249757-\$ or US-6374211-\$ or US- 6275794-\$ or US- 6188981-\$ or US- 5689615-\$ or US- 6222828-\$ or US- 5696873-\$ or US- 6721280-\$ or US- 6571212-\$ or US- 6477150-\$ or US- 5663957-\$ or US- 5414796-\$ or US- 6233550-\$ or US- 5680507-\$ or US- 6606593-\$ or US- 6556966-\$ or US- 6691092-\$ or US- 6453285-\$ or US- 6269331-\$ or US- 6272633-\$ or US- 7003114-\$ or US- 6904403-\$).did. or (WO-2006124326-\$ or WO-200154343-\$). did.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/07/02 18:50

S110	5	S109 and (state adj vector\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/02 18:50
S111	4	"4817146".pn. "6298055".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/02 18:58
S112	2	"4817146".pn. "6298055".pn. and (state adj vector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/02 19:00
S113	0	S111 and (state adj vector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/02 19:00

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